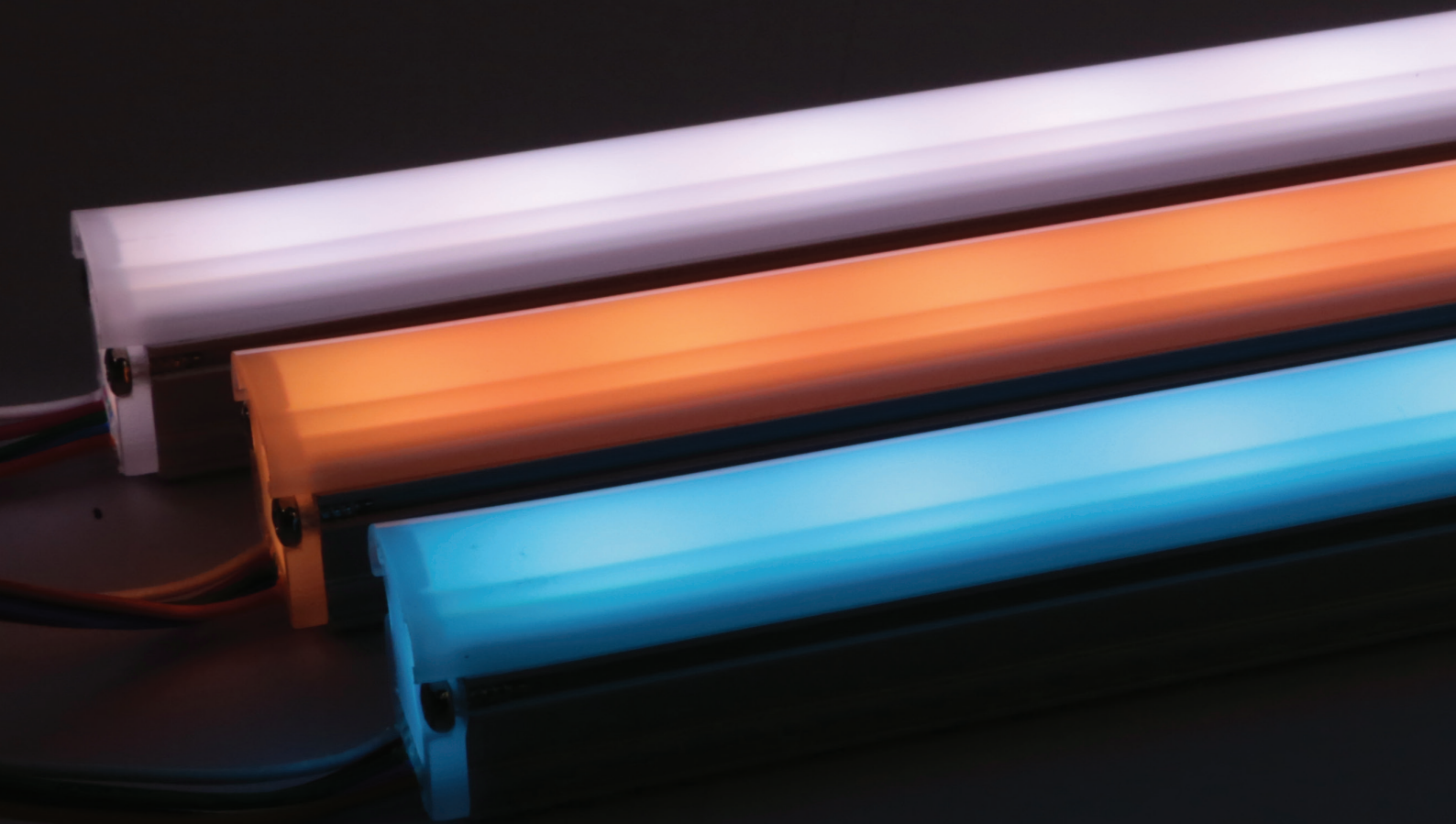


V Spectra

RGB & Warm White

Seamless and near Dot-Less effect. A linear fixture that can achieve RGB Full Color + Warm White CCT 2700K.



DC24V

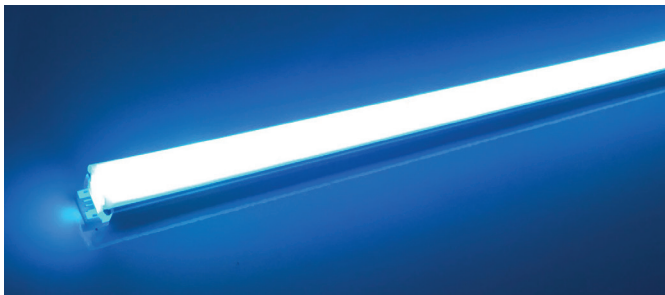
14W/m
(max)

Indoor

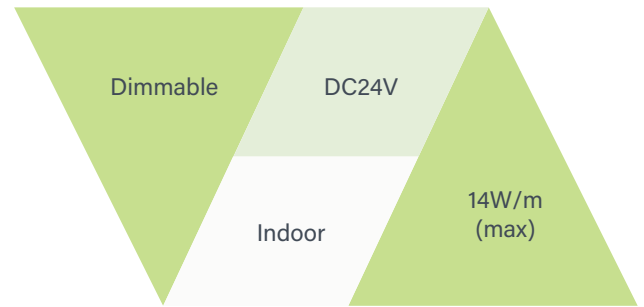
Dimmable

FEATURES

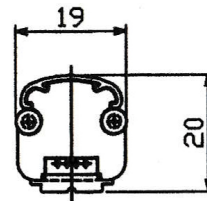
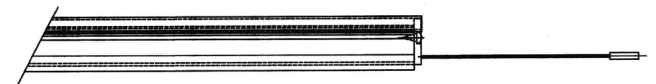
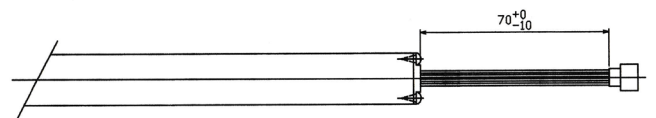
- Linear LED fixture that can achieve RGB Full Color + Warm White 2700K
- Control Protocol: DMX / DALI (Depending on Interface Driver module)
- Fixture comes with pre-soldered harnessed plug-in connectors
- Seamless effect



BASIC SPECIFICATION

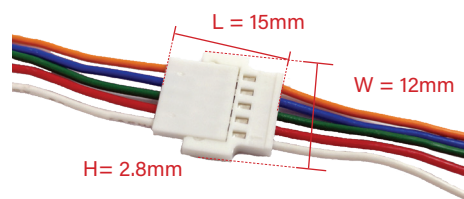


MECHANICAL DRAWING



※ Final design subject to change without prior notice

Male-Female Connector (Standard Spec comes with this connector)

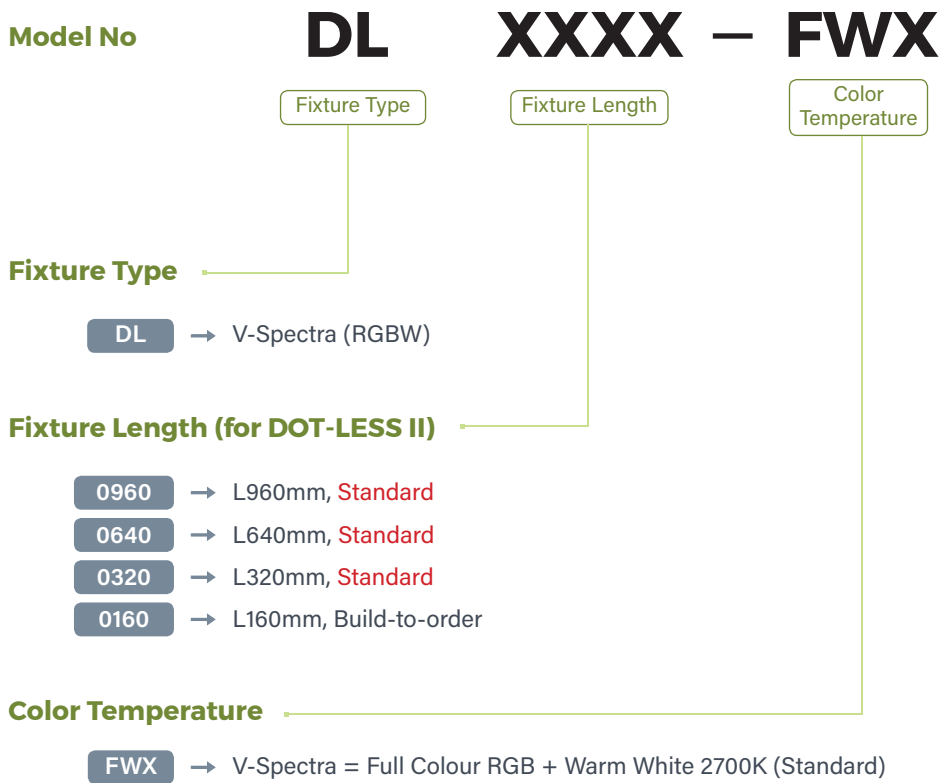


- White Cable = Common Positive (+)
- Red Cable = Red (-)
- Green Cable = Green (-)
- Blue Cable = Blue (-)
- Orange Cable = Warm White (-)

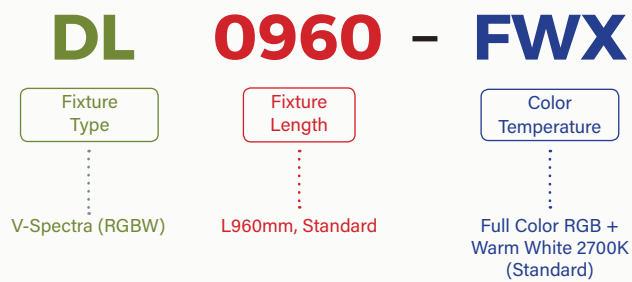


Connectors can be concealed by using mounting clip

MODEL NO



Example



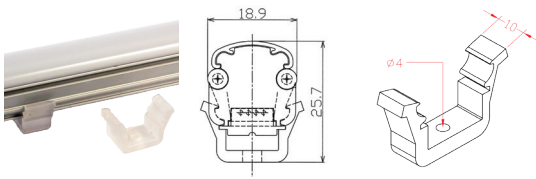
PRODUCT SPECIFICATIONS

| Product Name | Brownie Linear V-Spectra (RGB + Warm White) (14W/meter @ maximum output) | | | |
|---|---|-----------------------------------|------------------------------------|-------------------------------------|
| Model No. | DL0160-FWX (L160mm) (Build-to-Order) | DL0320-FWX (L320mm) | DL0640-FWX (L640mm) | DL0960-FWX (L960mm) |
| Input Voltage | 24.0Vdc (TDK Lambda recommended) | | | |
| Power Consumption | 2.3 W (max) (Apprx. 14 W/meter) | 4.7 W (max) (Apprx. 14W/meter) | 9.3 W (max) (Apprx. 14 W/meter) | 14.0 W (max) (Apprx. 14 W/meter) |
| Dimension (mm) | 160*19*20(H) | 320*19*20(H) | 640*19*20(H) | 960*19*20(H) |
| Weight | 47 grams | 93 grams | 186 grams | 278 grams |
| Casing Body | Aluminium extrusion heatsink with frost polycarbonate cover | | | |
| LED Beam Angle | 105° | 105° | 105° | 105° |
| Operating Temperature | -10°C~45°C | -10°C~45°C | -10°C~45°C | -10°C~45°C |
| Maximum Length of Series Connection | 3 meter | 3 meter | 3 meter | 3 meter |
| Option Parts | Mounting clip bracket 0° (flat) type / or 45° fixed angle type | | | |
| No of LEDs | 14 | 28 | 56 | 84 |
| Power Supply Unit | 24.0Vdc Constant-Voltage Switching Power Supply (* TDK Lambda brand) | | | |
| Dimming/RGB Colour Control | * With recommended DMX compatible dimming driver unit | | | |
| Lumens in White Colour (typical figure) | 82 Lumens (typical) | 164 Lumens (typical) | 329 Lumens (typical) | 493 Lumens (typical) |
| Available LED Color | | | | |
| Daylight 6500K (Ra85) | X | X | X | X |
| Cool White 4000K (Ra95) | ● | ● | ● | ● |
| 3500K (Ra94) | ● | ● | ● | ● |
| Light Warm 3000K (Ra95) | ● | ● | ● | ● |
| Standard Warm 2700K (Ra95) | ● | ● | ● | ● |
| Dark Warm 2500K (Ra85) | X | X | X | X |
| RGB Full Color | ● | ● | ● | ● |

OPTIONAL ACCESSORIES

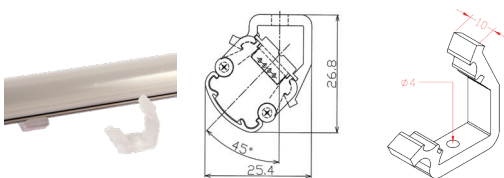
1 Mounting Clip Bracket 0° Flat Type

Model: MC-0DEG



2 Mounting Clip Bracket 45° Type

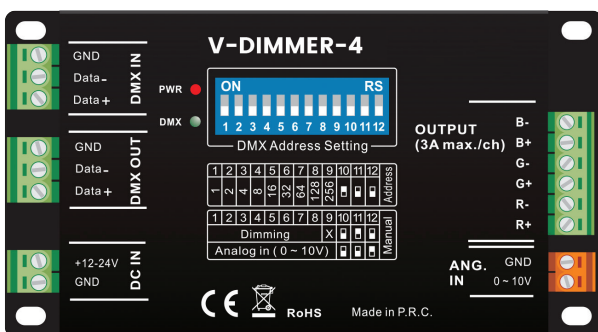
Model: MC-45DEG



3 V-Dimmer-4

(4-Channel DMX Interface Driver Module)

- 24Vdc input/output
- 4 Channel (for R-G-B + Warm White)
- Maximum Load 1.5A per channel @25°C
- Total 6A Load @25°C (= Maximum 8 meter of Full Colour +Warm Fixture)
- DIP Switch (DMX mode)
- Address Setting by DIP Switch
- Synchronize up to 32 units in series with built-in program
- IP20
- DMX -512 (1990)
- Dimension 110mm x 60mm x 17.8mm (H)
- Weight 170 grams
- Operation Temperature: 0°C ~ 45°C



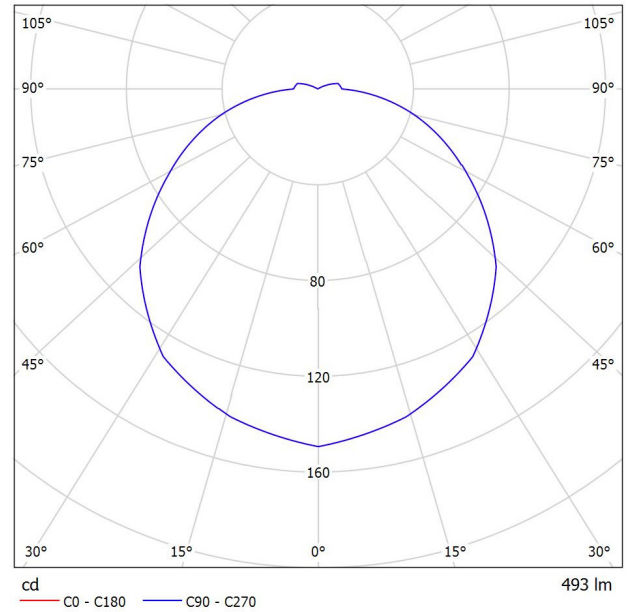
PHOTOMETRICS

Full Colour + Warm, L960mm

Model No: DL0960-FWX

When set at Full Output of RGB in White
(14Watt@ 24.0Vdc)

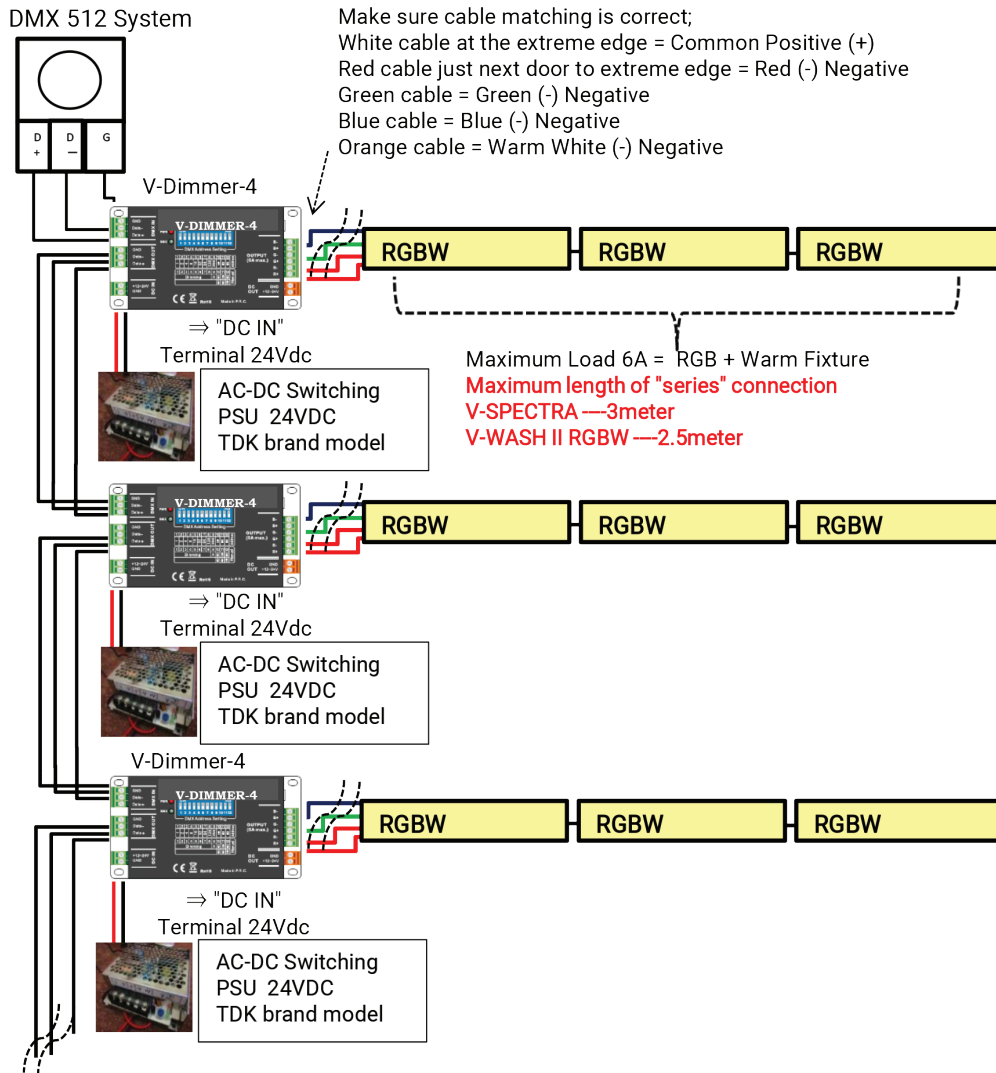
※ Lumen output is a typical figure, as there is variance depending on some parameters and manufacturing batch of LEDs



※For IES data, please contact our sales staff or distributor

CONTROL SYSTEM AND INSTALLATION GUIDANCE

Typical Schematic Wiring (Under DMX 512 System)



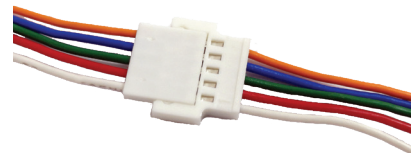
↓ Continue to another V-DIMMER-4 driver module
 (Maximum 32units of V-Dimmer-4)



Caution 1

Make sure polarity [positive (+) & negative (-)] and wires as per R•G•B•W colour are correct before switching on. Take note that white colour wire is positive (+) / common wire, and red•green•blue and orange colour wires are negative (-) for red (-), green (-), blue (-) & warm white (-) respectively.

- Orange = Warm white (-)
- Blue = Blue LED (-)
- Green = Green LED (-)
- Red = Red LED (-)
- White = Plus (+) / Common (+)



Caution 2

For extension wire from switching power supply unit to LED, use **AWG16 (1.309mm²)** or thicker wire, provided distance between power supply unit and 1st LED is within 6 meters. Should distance between power supply unit and 1st LED exceeds 6 meter, please consult us individually on case-by-case basis, so that we will propose suitable wire gauge as well as wiring layout.